

## 2002 –2012 Occupational Projections

1<sup>st</sup> Qtr. 2005

Occupational Title	Minimum Education Requirements	** Total Annual Openings	Hourly Wage Range
Nursing Aides, Orderlies, and Attendants	Short-term Tng. & Exp.	790	\$ 6.17 - 8.56
Home Health Aides	Short-term Tng. & Exp.	350	6.29 - 8.63
Pharmacy Aides	Short-term Tng. & Exp.	30	7.24 - 9.10
Physical Therapist Aides	Short-term Tng. & Exp.	30	7.35 - 9.74
Dental Assistants	Mod.-term Tng. & Exp.	210	\$ 8.46 - 12.17
Pharmacy Technicians	Mod.-term Tng. & Exp.	120	8.70 - 12.27
Medical Assistants	Mod.-term Tng. & Exp.	290	8.71 - 11.86
Opticians, Dispensing	Long-term Tng. & Exp.	30	\$ 8.56 - 13.15
Emergency Medical Technicians and Paramedics	Postsecondary voc.	140	\$ 10.08 - 16.17
Medical Transcriptionists	Postsecondary voc.	50	10.33 - 14.21
Surgical Technologists	Postsecondary voc.	60	12.13 - 16.76
Licensed Practical and Licensed Vocational Nurses	Postsecondary voc.	620	12.46 - 16.66
Respiratory Therapy Technicians	Postsecondary voc.	50	15.78 - 20.73
Medical Records and Health Information Technicians	Associate degree	110	\$ 8.20 - 13.57
Medical and Clinical Laboratory Technicians	Associate degree	90	10.79 - 17.65
Dental Hygienists	Associate degree	80	14.74 - 26.30
Radiologic Technologists and Technicians	Associate degree	90	16.41 - 22.14
Respiratory Therapists	Associate degree	130	16.86 - 22.21
Registered Nurses	Associate degree	1,690	19.94 - 27.43
Medical and Clinical Laboratory Technologists	Bachelor's degree	110	\$ 17.97 - 24.39
Occupational Therapists	Bachelor's degree	50	24.26 - 34.73
Speech-Language Pathologists	Master's degree	70	\$ 21.61 - 30.92
Physical Therapists	Master's degree	80	26.81 - 42.12
Pharmacists	First professional degree	200	\$ 31.83 - 43.25
Family and General Practitioners	First professional degree	30	63.38 +

\*\*Total Annual Openings = New job growth plus replacement needs due to turnover.

## Occupations in the Spotlight



## Registered Nurses



Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients.

- ◆ License required
- ◆ Knowledge of the practical application of engineering science and technology
- ◆ Knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications

## Required WorkKeys® Scores:

AM 5 LI 4 RI 5

## Physical Therapists



Assess, plan, organize, and participate in rehabilitative programs that improve mobility, relieve pain, increase strength, and decrease or prevent deformity of patients suffering from disease or injury.

- ◆ License required
- ◆ Knowledge of the information and techniques needed to diagnose and treat human injuries, diseases, and deformities

## Required WorkKeys® Scores:

AM 4 LI 5 RI 5

AM = Applied Mathematics  
LI = Locating Information  
RI = Reading for Information

**WorkKeys® assessments** give students and workers reliable, relevant information about workplace skill levels. Combined with information about skill levels required for jobs, assessments information can help students make better career and educational decisions. Louisiana uses three WorkKeys® assessments as the foundation for awarding career readiness certificates. For more information, contact the Workforce Education and Training Office at the Louisiana Board of Regents (225-342-4253).

LOUISIANA  
Opportunities in

*The Health Science Career Cluster orients students to careers that promote health, wellness, and diagnosis as well as treat injuries and diseases.*

## FASTEST GROWING JOBS

- 👤 Emergency Medical Technicians and Paramedics
- 👤 Medical Assistants
- 👤 Home Health Aides
- 👤 Physician Assistants
- 👤 Physical Therapist Assistants

Louisiana Department of Labor  
Office of Occupational Information Services  
P.O. Box 94094  
Baton Rouge, LA 70804-9094  
Phone (225) 342-3141  
TDD Toll Free (866) 277-9317  
FAX (225) 342-9192

**"This document was produced as a collaborative endeavor between the Louisiana Departments of Labor, Education and the Board of Regents".**

*An Equal Opportunity Employer  
Auxiliary Aids and Services are available upon request to  
individuals with disabilities*

**Reference  
Center:**

Louisiana Department of Labor -  
<http://www.LAWWORKS.net>

Occupational Information – go to Career Services  
<http://lavos.laworks.net>

Louisiana Employment Outlook -  
[http://www.laworks.net/qm\\_employmentprojections.asp](http://www.laworks.net/qm_employmentprojections.asp)

Louisiana Technical Colleges -  
<http://www.ltc.edu/home.htm>

Financial Aid  
<http://www.osfa.state.la.us/>

Louisiana Board of Regents-  
<http://www.regents.state.la.us>

Louisiana Community & Technical College System  
<http://www.lctcs.net/>

ACT  
<http://www.act.org>

National Career Clusters  
<http://www.careerclusters.org>



*This brochure is designed to provide assistance to students as they prepare to make decisions about course selection, their career options and future plans.*

**The Career Options Law (Act 1124)** mandates that all high school students have a five-year educational plan and that all high schools offer career majors/areas of concentrations. It is the intent of the law that students have a focus while in school to help make learning more relevant and meaningful.

Students in 6<sup>th</sup> – 8<sup>th</sup> grades must complete at least six career awareness activities which help students to develop a five-year educational plan. It also requires school systems to offer areas of concentrations to address students' interests.

**The Five-Year Educational Plan**  
Students must complete this plan at the end of their 8<sup>th</sup> grade year with input from their counselor and/or advisor and family. This plan must be reviewed and revised on an annual basis throughout high school with student, parent and counselor/advisor signatures each year.

**TOP EMPLOYING INDUSTRIES**

Industry (based on North American Classification System NAICS)	2002	2012	Number of New Jobs	Percent Change
General Medical and Surgical Hospitals	90,578	99,980	9,402	10.4%
Nursing Care Facilities	29,284	34,580	5,296	18.1%
Home Health Care Services	10,325	17,250	6,925	67.1%

**Health Science Cluster**  
High School Areas of Concentrations (2006 – 2007)

**Diploma Endorsements** will help provide for students the preparation necessary for college and/or a career. By the same token employers will be getting better prepared workers, and higher education institutions will have students better prepared for success in their post secondary institutions. These endorsements help students to maximize their 11<sup>th</sup> and 12<sup>th</sup> grades, encourage more students to take Advanced Placement courses, encourage students to take advantage of career and technical education courses and opportunities, as well as hold high schools accountable for what is taught during the 11<sup>th</sup> and 12<sup>th</sup> grades. Students can complete the necessary requirements for two different diploma endorsements:

- Academic Endorsement
- Career and Technical Endorsement

Please see your guidance counselor for further details.

**The Louisiana WORKReady! Certificate** is a portable credential that signifies to an employer that an individual has achieved acceptable levels in the foundation skills necessary for success in the workplace and gives Louisiana citizens a “key to work”. Issued by the Workforce Commission, the Certificate is a tool that helps employers identify qualified candidates to fill the openings they have in their businesses.

People who attain the Certificate, which will display their workplace readiness skill levels, will have an advantage as they pursue their career goals. The Certificate increases the likelihood that business will receive a well-trained, highly skilled worker and that education will prepare students for available jobs. For more information, contact the Workforce Commission at 225-342-2094 or the Board of Regents at 225-342-4253.

**Career Cluster**  
Health Science

**Areas of Concentrations**

Allied Health  
Dental  
Nursing  
Nutrition and Food  
Pharmacy  
Sports Medicine  
Pre-Medical

**Post Secondary Programs**

Biology  
Pre-Medical  
Microbiology  
Nursing  
Chemistry  
Biology  
Dental  
Pre-Nursing  
Nutrition and Food  
Sports Medicine  
Medicine

**Training Programs Related**

**Certification(s):**  
CPR – First Aid  
First Responder  
EMT- Basic  
Certified Nursing Assistant

For more information on course selection  
visit our web site:  
<http://www.doe.state.la.us/ldc/curriculum/home.html>